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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No. H-204145
(Continuation of USSN 09/469,800 filed December 22, 1999)

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COGENERATION SYSTEM FOR A
FUEL CELL

Examiner R. Alejandro

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington DC 20231

Prior to examination of the above-identified application, please enter the following amendment:

IN THE CLAIMS:

✓
Cancel claims 1-20.

Add claims 21 and 22 as follows:

21. A process comprising:

heating a fuel cell stack during cold startup conditions including:

pumping a cooling fluid including a liquid to an elevated pressure,

transferring thermal energy from the cooling fluid to the fuel cell stack, and

repeating the above steps for heating a fuel cell stack during cold startup

conditions until the temperature of the fuel cell stack has reached a temperature for operating the fuel cell under post-startup conditions and wherein the operation of the fuel cell stack produces waste heat, and

cooling a fuel cell stack during post-startup operations and using waste heat generated

by the fuel cell stack to produce shaft work including:

pumping the cooling fluid to the fuel cell stack,

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